WHAT IS CLAIMED IS:

1. A stand-alone communication interface comprising:

a convertor for receiving audio signals including in-band DTMF signals, from a telephony device and converting said received signals into digital data; and

a point to point wireless transmitter for receiving said digital data and transmitting said digital data at a radio frequency via an external antenna.

2. The interface as claimed in claim 1, further comprising:

a telephone line jack, electrically connected to said convertor, allowing for removable connection of said telephony device.

3. The interface as claimed in claim 2, further comprising:

an antenna jack, electrically connected to said point to point wireless transmitter, allowing for removable connection of said antenna.

4. An interface as claimed in claim 1, wherein said convertor comprises a sampler for performing waveform coding.

5. An interface as claimed in claim 4, wherein said wave form coding convertor comprises a pulse code modulation convertor.

6. An interface as claimed in claim 5, wherein said pulse code modulation convertor comprises an adaptive differential pulse code modulation convertor (ADPCM).

7. An interface as claimed in claim 1, further comprising a spread spectrum encoder for encoding said digital data.

8. An interface as claimed in claim 7, wherein said spread spectrum encoder comprises a direct sequence spread spectrum transmitter.

9. An interface as claimed in claim 1, wherein said transmitter comprises a Gaussian minimum shift keying (GMSK) modulator.

10. An interface as claimed in claim 9, wherein said modulator comprises a modulator for transmitting in an unlicensed frequency band.

11. An interface as claimed in claim 10, wherein said modulator comprises a modulator for transmitting in an Instrumentation, Scientific, and Medical (ISM) frequency band.

12. An interface as claimed in claim 1, wherein said external telephone device is a pay telephone.

13. An interface as claimed in claim 1, further comprising a source of direct current (DC) power.

14. An interface as claimed in claim 1, wherein said convertor comprises a tip/ring reversal signalling interface.

15. An interface as claimed in claim 1, wherein said convertor comprises a means for encoding out-of-band signals.

16. An interface as claimed in claim 1, wherein said transmitter comprises a transmitter for transmitting in time domain duplex (TDD), enabling two way communication in a single frequency channel.

17. An interface as claimed in claim 1, further comprising a 14.4 kbps digital modem transmitter for transmitting payphone operational data.

18. A stand-alone communication interface comprising:

convertor means for receiving audio signals including in-band DTMF signals, from a telephony device and converting said received signals into digital data; and

point to point wireless transmitter means for receiving said digital data and transmitting said digital data at a radio frequency via an external antenna.

19. A method of operating a stand-alone communication interface comprising the steps of:

receiving audio signals including in-band DTMF signals, from a telephony device;

converting said received signals into digital data; and

transmitting said digital data at a radio frequency, using point to point wireless via an external antenna.

20. A method of operating a stand-alone communication interface comprising the steps of:

receiving digital data at a radio frequency, using point to point wireless via an external antenna;

converting said digital data into audio signals including in-band DTMF signals; and

passing said audio signals including in-band DTMF signals to a telephony device.

21. A method of operating a stand-alone communication interface comprising the steps of:

receiving audio signals including in-band DTMF signals, from a public switched telephone network;

converting said received signals into digital data; and

transmitting said digital data at a radio frequency, using point to point wireless via an external antenna.

22. A method of operating a stand-alone communication interface comprising the steps of:

receiving digital data at a radio frequency, using point to point wireless via an external antenna;

converting said digital data into audio signals including in-band DTMF signals; and

passing said audio signals including in-band DTMF signals to a public switched telephone network.